SRG-K CONTROL CABLES

Flexible Silicone Rubber Glass Braid Conductors with an Overall Aramid Fiber Jacket, Temp Rating 200°C, 600V



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded tinned, annealed copper per ASTM B33
2. **Insulation:** Silicone Rubber with a fiberglass braid over the insulation
3. **Cabling:** Conductors are cabled with a left hand lay and bound with a polyester tape
4. **Jacket:** K-Fiber braid, treated with a high temperature saturant, covers the core

APPLICATIONS AND FEATURES:

Used for equipment wiring, as well as signal and control circuits. Ideal in locations where high temperature or hazardous conditions exist that require heat resistance at 600 volts.

K Fiber Jacket provides improved mechanical strength and abrasion resistance. Flexible. Good chemical strength. Excellent electrical properties. Passes IEEE 383 70,000 BTU/Hr Flame test while maintaining circuit integrity.

SPECIFICATIONS:

- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- IEEE 383 Flame Test (70,000 btu)
- RoHS-3 Complies with European Directive 2015/863

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Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Number	Insul. Thickness	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	No.	mil	inch	lb/1000ft	°C	Style/Type
C51200	14	2	30	0.375	55	200	Non-UL
C51205	14	3	30	0.400	75	200	Non-UL
C51210	14	4	30	0.435	100	200	Non-UL
C51215	14	5	30	0.480	125	200	Non-UL
C51220	14	7	30	0.520	170	200	Non-UL
C51230	14	12	30	0.690	280	200	Non-UL
C51240	14	19	30	0.810	415	200	Non-UL
C51250	14	37	30	1.100	810	200	Non-UL
C51300	12	2	30	0.410	75	200	Non-UL
C51305	12	3	30	0.430	110	200	Non-UL
C51310	12	4	30	0.475	145	200	Non-UL
C51315	12	5	30	0.520	175	200	Non-UL
C51320	12	7	30	0.570	240	200	Non-UL
C51330	12	12	30	0.755	410	200	Non-UL
C51340	12	19	30	0.890	625	200	Non-UL
C51350	12	37	30	1.250	1250	200	Non-UL
C51400	10	2	45	0.525	125	200	Non-UL
C51405	10	3	45	0.555	180	200	Non-UL
C51410	10	4	45	0.615	235	200	Non-UL
C51415	10	5	45	0.675	300	200	Non-UL
C51420	10	7	45	0.740	385	200	Non-UL
C51430	10	12	45	0.990	685	200	Non-UL

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item

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Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Number	Insul. Thickness	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	No.	mm	mm	kg/km	°C	Style/Type
C51200	14	2	0.76	9.52	82	200	Non-UL
C51205	14	3	0.76	10.16	112	200	Non-UL
C51210	14	4	0.76	11.05	149	200	Non-UL
C51215	14	5	0.76	12.19	186	200	Non-UL
C51220	14	7	0.76	13.21	253	200	Non-UL
C51230	14	12	0.76	17.53	417	200	Non-UL
C51240	14	19	0.76	20.57	618	200	Non-UL
C51250	14	37	0.76	27.94	1205	200	Non-UL
C51300	12	2	0.76	10.41	112	200	Non-UL
C51305	12	3	0.76	10.92	164	200	Non-UL
C51310	12	4	0.76	12.07	216	200	Non-UL
C51315	12	5	0.76	13.21	260	200	Non-UL
C51320	12	7	0.76	14.48	357	200	Non-UL
C51330	12	12	0.76	19.18	610	200	Non-UL
C51340	12	19	0.76	22.61	930	200	Non-UL
C51350	12	37	0.76	31.75	1860	200	Non-UL
C51400	10	2	1.14	13.33	186	200	Non-UL
C51405	10	3	1.14	14.10	268	200	Non-UL
C51410	10	4	1.14	15.62	350	200	Non-UL
C51415	10	5	1.14	17.15	446	200	Non-UL
C51420	10	7	1.14	18.80	573	200	Non-UL
C51430	10	12	1.14	25.15	1019	200	Non-UL